INTRODUCTION

Talash Information System is an integrated system for linking Arrested, Wanted, Missing, Traced, Kidnapped, Deserters, Escapee, Unidentified dead bodies and unidentified persons based on attribute data available from various police agencies in the country. It is proposed to further integrate attribute-based search with photograph based facial search. We are in the process of acquiring the latest technology in this regard. DOS Version of the software has been in use in various States. To keep pace with the changing time the package is redesigned using windows platform so as to enable users to use the software more effectively.

This new version of the package is upgraded version of DOS with value addition features like photograph scanning and export and import of data electronically etc.etc.. The package is developed using MS SQ keeping in view its integration with CCIS and Facial Recognition System.

The data entry and enquiry in the window based Talash System is simple and user friendly. Statistical reports have been improved and made flexible to meet user requirements. A module is added in the package to facilitate user to port the existing DOS based data into windows based system.

Minimum Hardware Requirements

Computer

- Pentium III
- 128 MB RAM
- 20 GB HDD

Printer

- DMP/Deskjet/Laserjet

Recommended Hardware requirements

Server

- Pentium IV
- 256 MB RAM
- 40 GB HDD
- DAT Drive/CD Writer

Printer

- DMP/Laserjet

Software Requirements

- Windows 2000 Professional
- Microsoft SQL server 7.0
- Anti-Virus
- MS-Office

Loading Procedure

Install Software

- Install Talash Client Software from Talash Setup Directory
- Install Talash Control from Talash Control Directory
- Restore TalashBlankDatabase as "TalashSQL" in SqlServer
  (Go to Enterprise Manager -> Database -> Right Click
  Select All Tasks -> Restore Database
  In 'Restore as Database' Combo type "TalashSQL"
  Select 'From Device' -> Click Select Devices - >Click Add
  Browse to 'Talash2006\Database\TalashBlankDatabase' or
  To the location where Talash Software copied/CD
  Click OK-> Click OK again in Restore devices window

  Go to Options Tab ensure that the path shown in the grid is same as shown
  (if your SQL Server path is different than shown in the grid change it accordingly)

FOR EXISTING SITES WHERE IMPORT EXPORT NOT WORKING

INSTALL 'IMPORT EXPORT PATCH' FROM PATCH FOLDER
INSTALL TALASH CLIENT APPLICATION FROM SETUP FOLDER

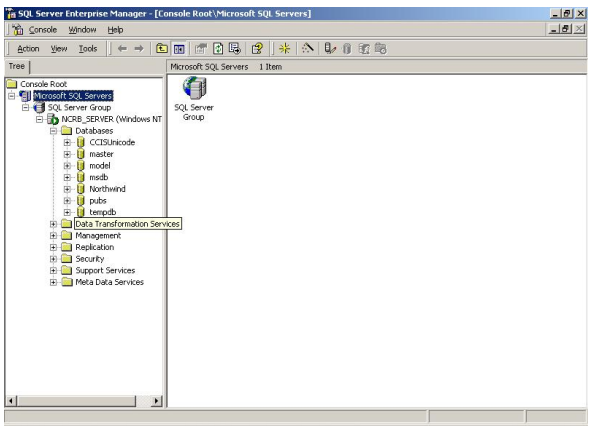
FOR FRESH INSTALLATION

Detailed Procedure for Blank Database restoration

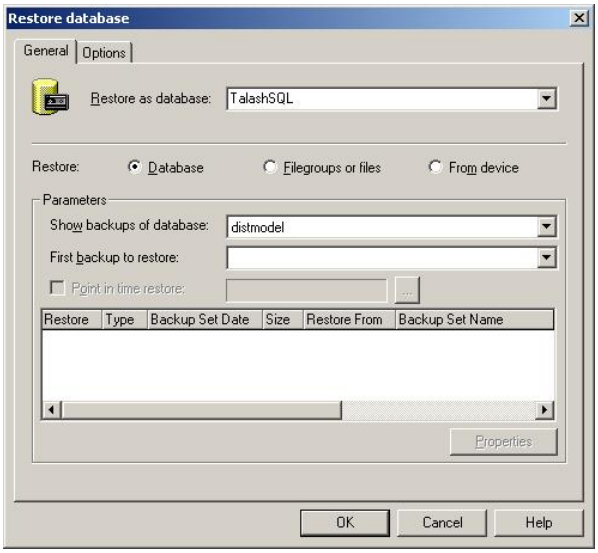
Create a folder named "TalashBlankDatabase" in C or D drive. Copy "TalashBlankDatabase" file in this folder.

TalashSQL Database Restore through Enterprise Manager

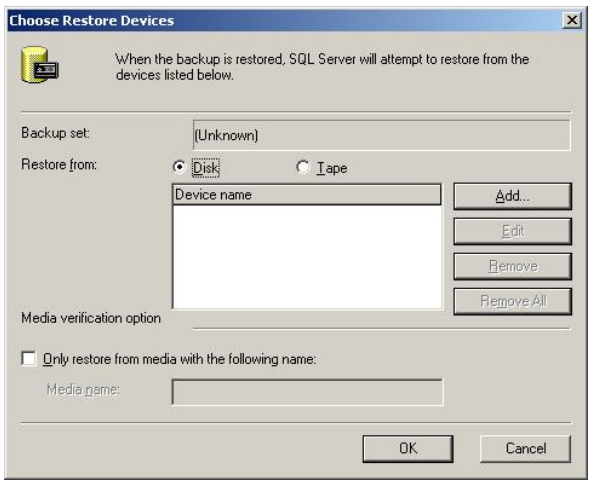
- Open Enterprise Manager as. Click on Start → Programs → Microsoft SQL Server → Enterprise Manager. (This will open Enterprise Manager window)



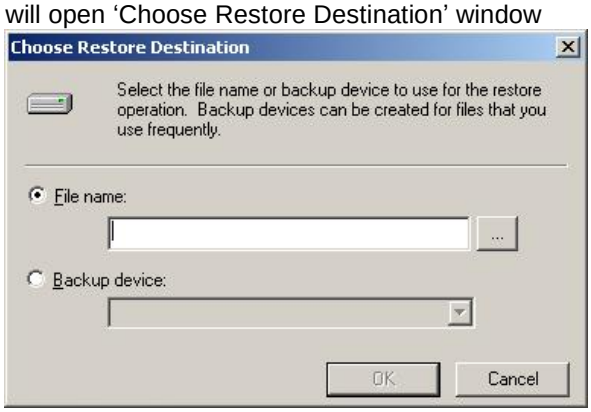
- Expand Microsoft SQL Servers
- Expand SQL Server Group
- Expand server name
- Expand Databases Icon
- Click on ALL TASKS, Click on Restore Databases below given figure will appear
- In restore as Database give Name "TalsahSQL"



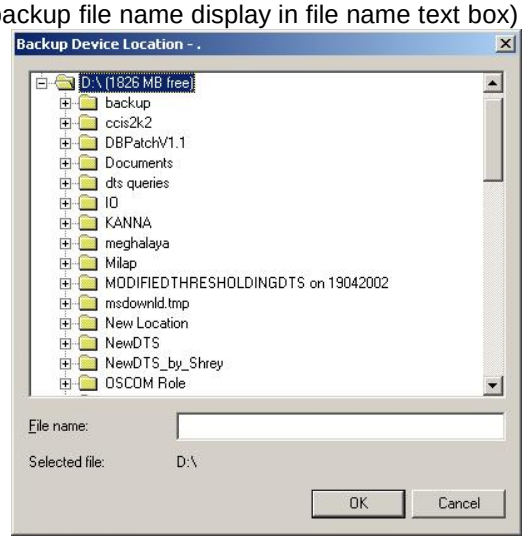
- Select 'From Device' radio button
- Click on 'Select Devices' button it will open 'Choose Restore Devices' window



- Click on 'Add' button it will open 'Choose Restore Destination' window


Choose Restore Destination
Select the file name or backup device to use for the restore operation. Backup devices can be created for files that you use frequently.
File name:
Backup device:
OK
Cancel

- Click on '…' (Eclipse) button it will open 'Backup Device Location' window
- Select your backup file (backup file name display in file name text box)



- Click on 'OK' button
- Again click on 'OK' button
- Again click on 'OK' button
- Click on 'Options' Tab
- Select 'Force Restore Over Exiting Database' Option
- In the window "Move to physical file name" give your exact SQL Server path
- Again click on 'OK' button and wait for some time
- "Restore of Database 'TalashSQL' Completed Successfully" message will appear Click 'OK' button
- Close all open windows

Talash Information System is divided into five basic modules. These modules are selectable from the menus from menu bar in the opening screens.

1) **ENTRY** : Enables the user to enter new data. This option also Provides the option to edit previously entered data.

2) **ENQUIRY** : This option allows the user to enquires the database and cull out matching records.

3) **REPORT** : Statistical and type of person wise reports can be generate using this option

4) **MAINTENANCE** : This module allows the user to maintain the database and perform other administrative functions.

5) **CODE MAINTENANCE:** Enables the administrator for maintaining the various codes used in the system.

6) **EMAIL** : Enables the users to Mail thru Talash system. Useful for sending data.

Procedure :

The following procedure needs to be followed after setup of New Version of Talash Information System (Version 1.0)

Data Conversion: Old version (DOS Version) data can be converted to new system. The User/Administrator can convert the data thru **Maintenance. Maintenance** menu contains option to Import Old(DOS) Data. After Import of Data the Administrator/user must also convert Name & Father Name using **Name Conversion** option for generation of phonetic keys.

The procedure detailed above is must and required to upload existing data bank to new system.

The users installing fresh database need not follow the procedure.

(Fig. 1)

(Fig.1.1)

Talash Information System allows only valid users to enter into the system through login procedure (Fig.1).

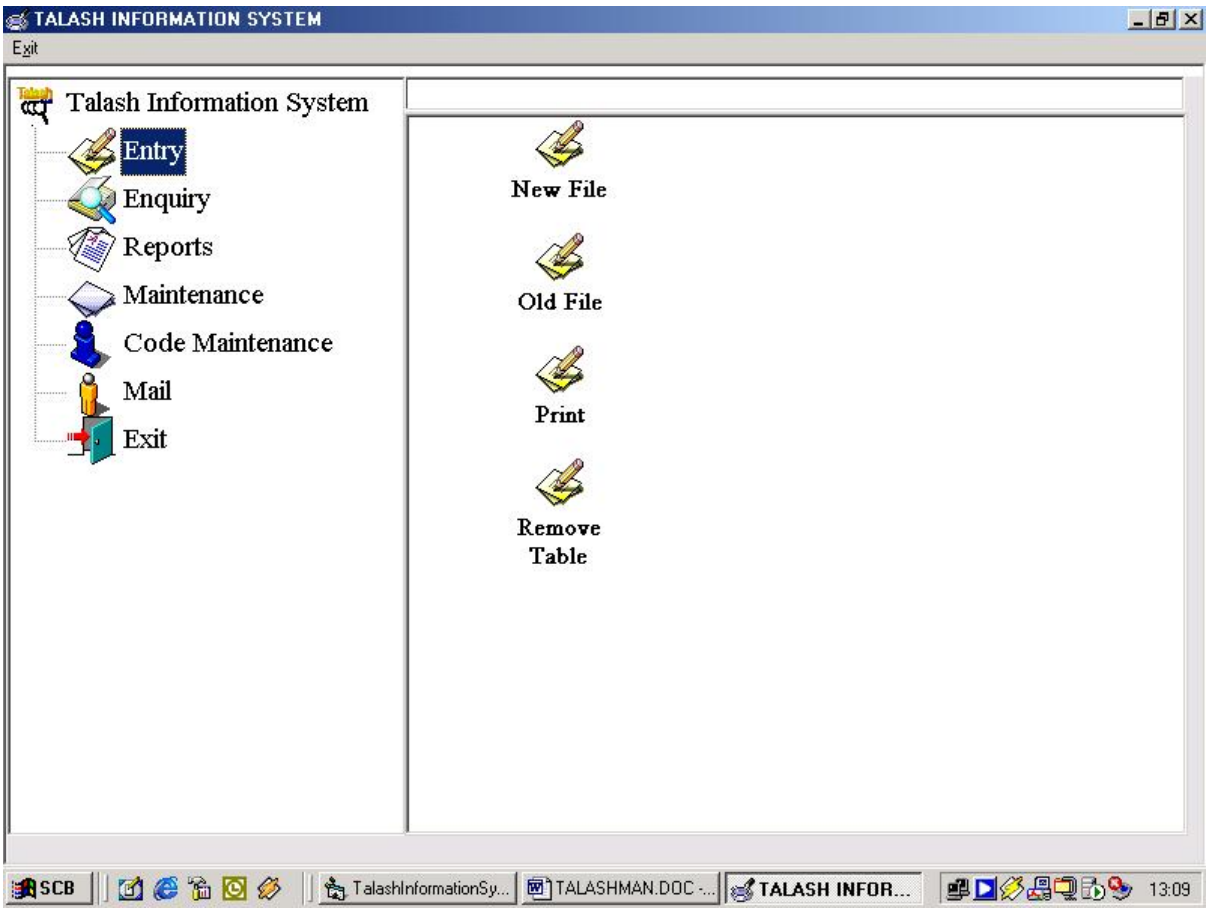
Enter "NCRB" in the user name and "ncrb" against the password. Click on "Login" to enter. Server name needs to be given when accessing the database on a remote server through network.

The user can change his 'Password' by clicking on 'Change' button. To change a password user must enter correct 'Password', 'New Password' and 'Confirm Password' correctly.

Ex: Password : (your Old Password)

New Password : (New password)
Confirm Password: (Re-enter new password)

TALASH Information System screen



(Fig.2)

ENTRY :

- To enter New data select “New File” . System will automatically generate new File name based on district, date & time of creation, user can start entering the data.
- To edit or add records in already created file select “Old File”. On selection the screen displays names of all the existing files. Select the desired file to work on.
- To print an edited/added file select ‘Print’. On selection the screen displays names of all existing files. You can select a file to preview, thru the preview window you can print the file.
- To remove a file entered/processed select ‘Remove Table’. Screen displays names of all files as detailed above.

TALASH - Data Entry Form screen is displayed.

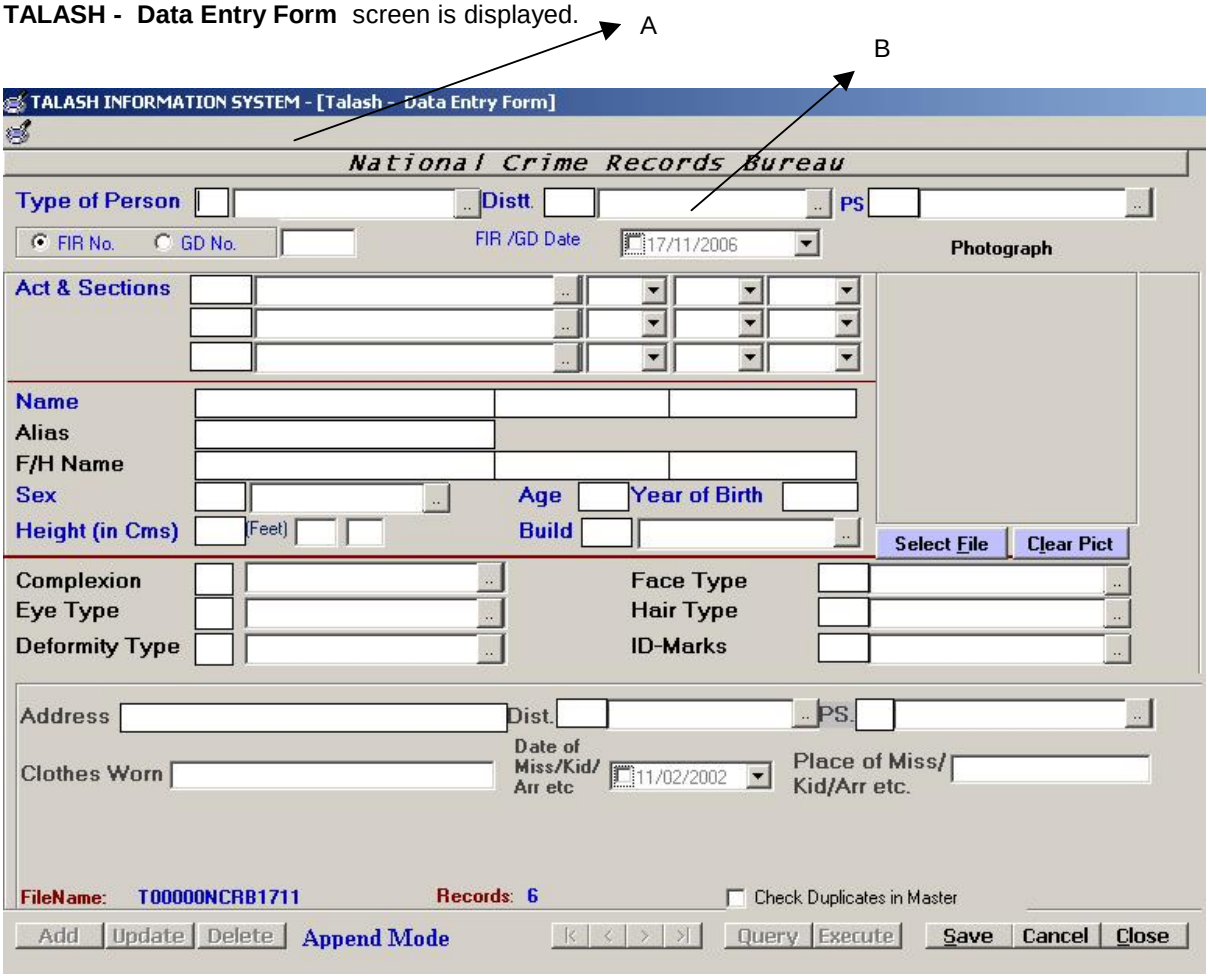


Fig.3

The System allots name automatically to a new batch file/table. Entries in shown in blue color are mandatory.

A - Type of person i.e. arrested, deserter etc. Select the desired type of person from the available options or type the 'Type of Person' code.

B - District & Police Station. Select District and Police Station name from the combo boxes or type District/PS code.

Name of the State is entered at the time of configuring the software during installation.

FIR /GD No.,/FIR/GD Date and Act/Sections are mandatory fields.

Beside above Sex, Age, Build & Height are also mandatory fields, without which system does not allow the data to go into the database.

All mandatory fields are shown in blue colour on the input screen.

TALASH – DATA ENTRY FORM

Act & Sections	-	Select Act(s) from the combo box. TIS allows entry of 3 different Acts and 3 sections under each Act can be selected from available options.
Name, Alias & Father's/ Husband's Name	-	These fields are text fields
Sex	-	Select from available options
Age & Year of birth	-	User can either enter age or year of birth. System automatically calculates age if year of birth is entered and vice versa.
Height	-	Similar to Age field, one of the two fields viz. Height (in cms) or Height (in feet) can be entered. System calculates the height in feet if height in cms is entered.
Physical features	-	Face, complexion, eye, hair, deformity and ID marks can be selected from the available options.
Address	-	This is text field. Enter complete address of the person
District & Police Station	-	Select from options available.
Clothes warn	-	Enter particulars of clothes warn by the person.
Place of Missing/Kidnapped	-	Enter name of place.
Click on select photo	-	Browse and select the scanned/digital photo of the individual. The selected photo should be in 'JPG' format only. The photograph is embedded into the database.

The system checks for a duplicate ENTRY in the current file (file being entered). In case of any duplicate entry the system warns you accordingly.

The system checks for a Duplicate records with the Master Database(your existing databank) ag the entry stage itself. In case any duplicate record found in the master database system warns you.

Query in Current File:

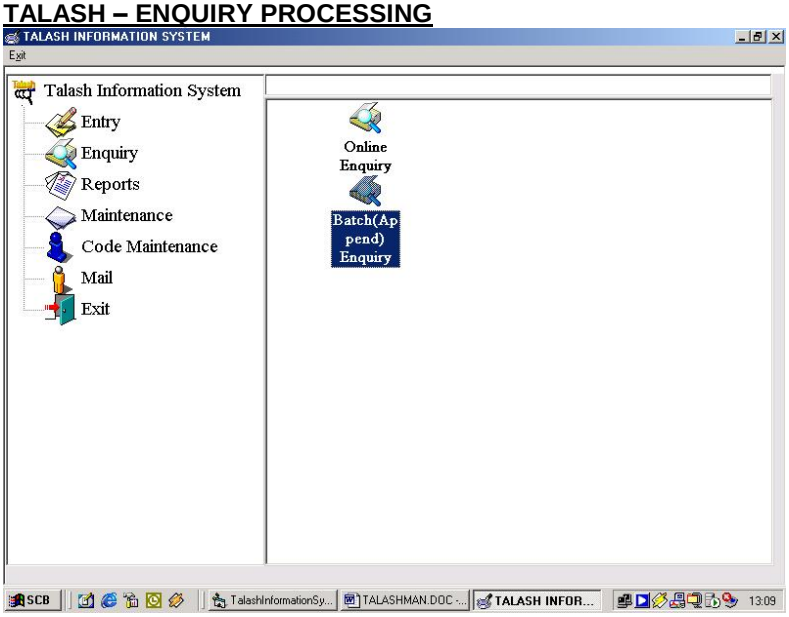
The users can search for a record in current table for editing/correction.By default the System is in Append Mode To Edit Records the Users needs to cancel the 'Append Mode' by clicking on Cancel.

The System is now in Default Mode. Click Query to extract records. Enter the parameters for query and click 'Execute' to fetch the records.

Edit Data

Your can browse the file using the First, Previous, Next & Last buttons. To Edit a particular record Click update. The system is now in update mode. Update the Record as required and Save.

TALASH – ENQUIRY PROCESSING



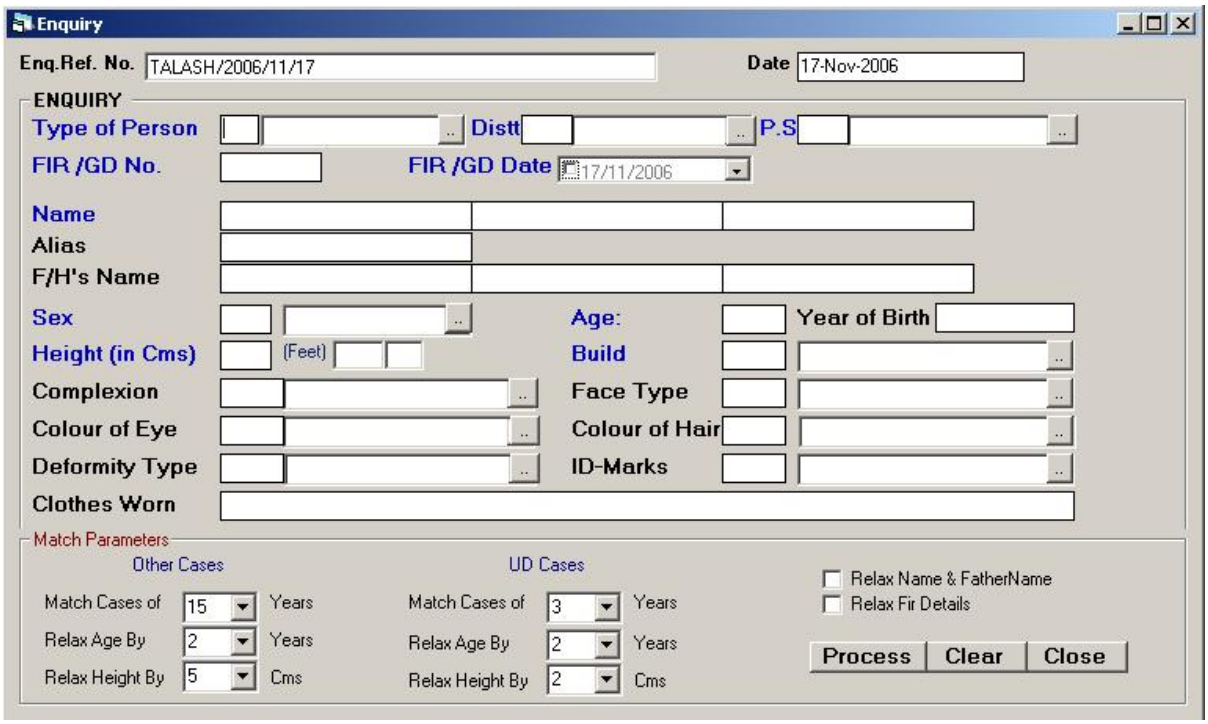
(Fig.5)

ENQUIRY

The system allows the user to process enquiries in

- Online and
- Batch mode

ENQUIRY FORMAT



(Fig.6)

After making entries/parameters for enquiring click on process to view the result of enquiry. System generates enquiring results along with wireless message *(Fig 7)* for concerned police authorities.

ONLINE QUERY

Allows the users to enter any one or combination of parameter(s) in the enquiry screen as displayed above and on pressing view, the option will search the database and displays the result on the screen, which can also be printed. The match or no-match report is generated in the form of a Wireless Message, which can be printed and sent to the concerned addressee(s).

The Matching Parameters are given at the bottom of the screen for relaxation in Age & Height etc. A Missing Person query checks for exact Name Match in Online query, however it can be relaxed by checking on 'Relax Name & Father Name' the system will also generate missing UD Case Report with this option.

In case the FIR Details are missing and a user wants to query for a person, he can relax the same by checking 'Relax FIR Details'. In this case the system takes the Current Year /date of missing. If Approximate date of missing is known then it should be entered in 'Date of FIR' column.

BATCH

This option allows the user to process queries in a batch. One or more batch files can be created and queried. Report(s) similar to on-line mode would be generated in the form of a wireless message for each enquiry, which can be sent to the respective addressee(s).

Data is appended to master database after processing the enquiries.

The following is the Matching Criteria for Online/Batch Enquiry

- Arrested Person
  With Wanted, Deserted, Escaped, Proclaimed Offender & Missing with Relaxation in 'Other Cases' for prior cases from the Date of Arrested Person.

- Missing & Kidnapped Person
  With Arrested, Traced, Un-Identified Dead body & Person with Relaxation in 'Other Cases' for cases after the Date of Missing/Kidnap.

- Deserted Person & Escaped Person
  With Arrested, Traced, Un-Identified Dead body & Person with Relaxation in 'Other Cases' for for Cases after the Date of FIR/Deserted/Escaped.

- Wanted Person & Proclaimed Offender
  With Arrested, Traced, Un-Identified Dead body & Person with Relaxation in 'Other Cases' for for Cases before & after the Date of FIR/Wanted.

- Traced/Found Person
  With Missing & Kidnapped, Deserted & Wanted with Relaxation in 'Other Cases' for cases prior to the Date of Trace.

- UnIdentified Person & Dead body
  With Missing, Kidnapped, Wanted, Escaped 7 Deserted with Relaxation in 'UD Cases' for cases prior to the Date of Missing/Kidnap.

ENQUIRY RESULTS

The enquiry results will be in format of a wireless message. The Message will also print the Persons Photograph where ever available.

The Matched persons photograph will also be printed along with the photograph of the person being matched if available.

TO: 1. SUPDT. OF POLICE/ DY.COMM.OF POLICE.
AHMEDNAGAR MAHARASHTRA

2. SUPDT. OF POLICE,DIST./DY.COMM.OF POLICE.
ADILABAD ANDHRA PRADESH

INFO: 1.SCRB/CID/CRO :MAHARASHTRA

2. SCRB/CID/CRO :ANDHRA PRADESH

FROM : ASSISTANT DIRECTOR(CR)
NCRB.,EAST BLK.-7,R.K.PURAM,NEW DELHI -110066

REF. NO.TALASH/10/07/2003 DATED: 10/07/2003

RAMESH(.) SEX: Male(.) HEIGHT: 163Cms (.) BUILD: MEDIUM(.) COMPLEXTION: FAIR(.) EYES: DARK(.) REPORTED WANTED VIDE FIR/DD NO. 1 DATED 01/01/2002(.)
P.S :AHMEDNAGAR CITY DISTT.:AHMEDNAGAR(.) **MATCHED WITH DESCRIPTION OF:**
ALAM RAMESH ALIAS : (.) S/D/W/O BANAIAH . .(.) SEX: MALE (.) BUILD : MEDIUM(.) HEIGHT : 167Cms (.) COMPLEXION :FAIR(.) EYES :DARK(.) HAIR :BLACK(.) DEFORMITY :(.) ID :(.)
REPORTEDARRESTED VIDE FIR/DD NO.0144(.) DATED : 15/12/2000(.)
PS: ADILABAD TOWN DISTT. :ADILABAD(.)
REQUEST VERIFY AND CONFIRM TO NCRB AND CONCERNED DISTRICTS(.)

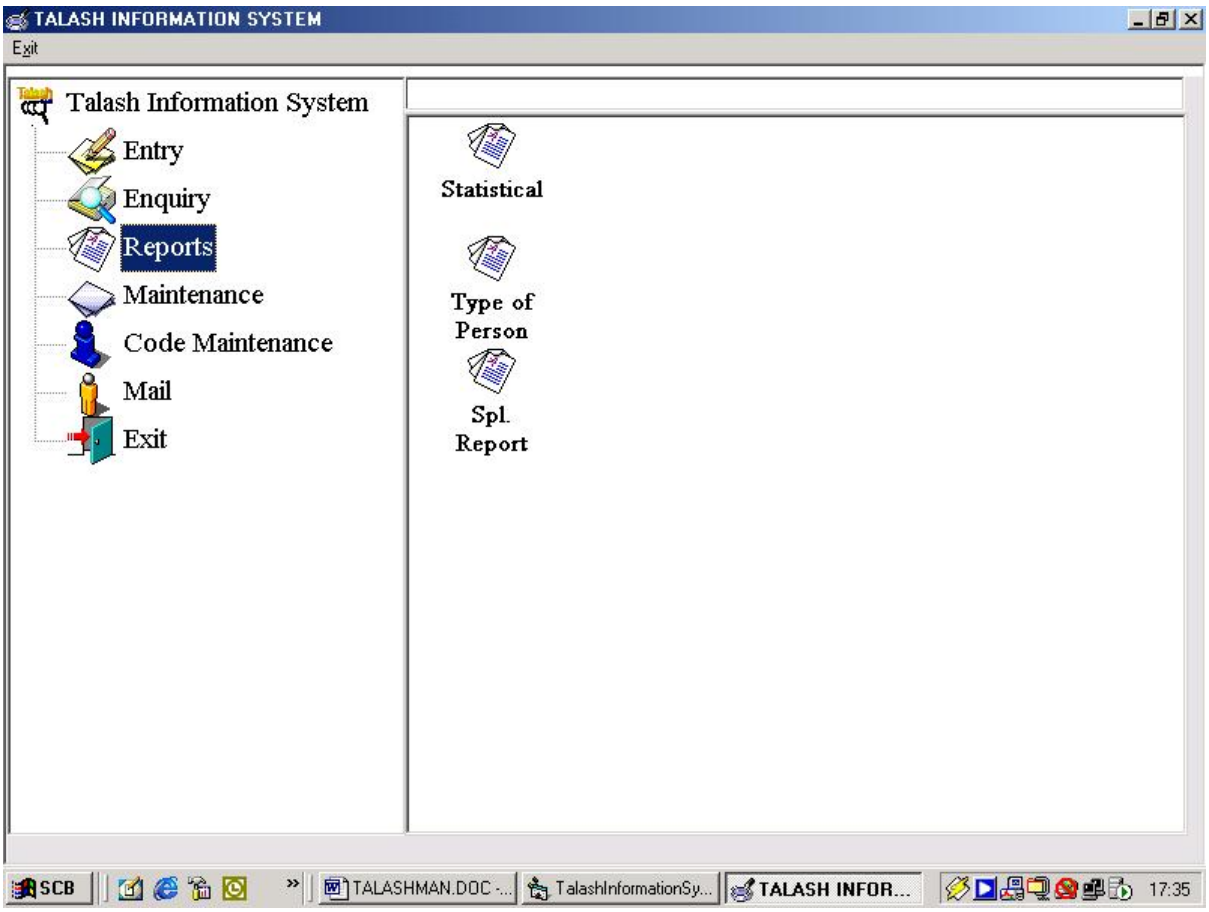
FileName : T00000NCRB11071240
No of Records : 7
Matched Records : 1

Classification :
Missing : 1

(Fig.7)

Filename, No. of Records(enquires in the batch), No of Matched cases and classification viz., Arrested, Missing, Wanted, Traced etc. is shown at the bottom of the report

REPORTS GENERATION - STATISTICS

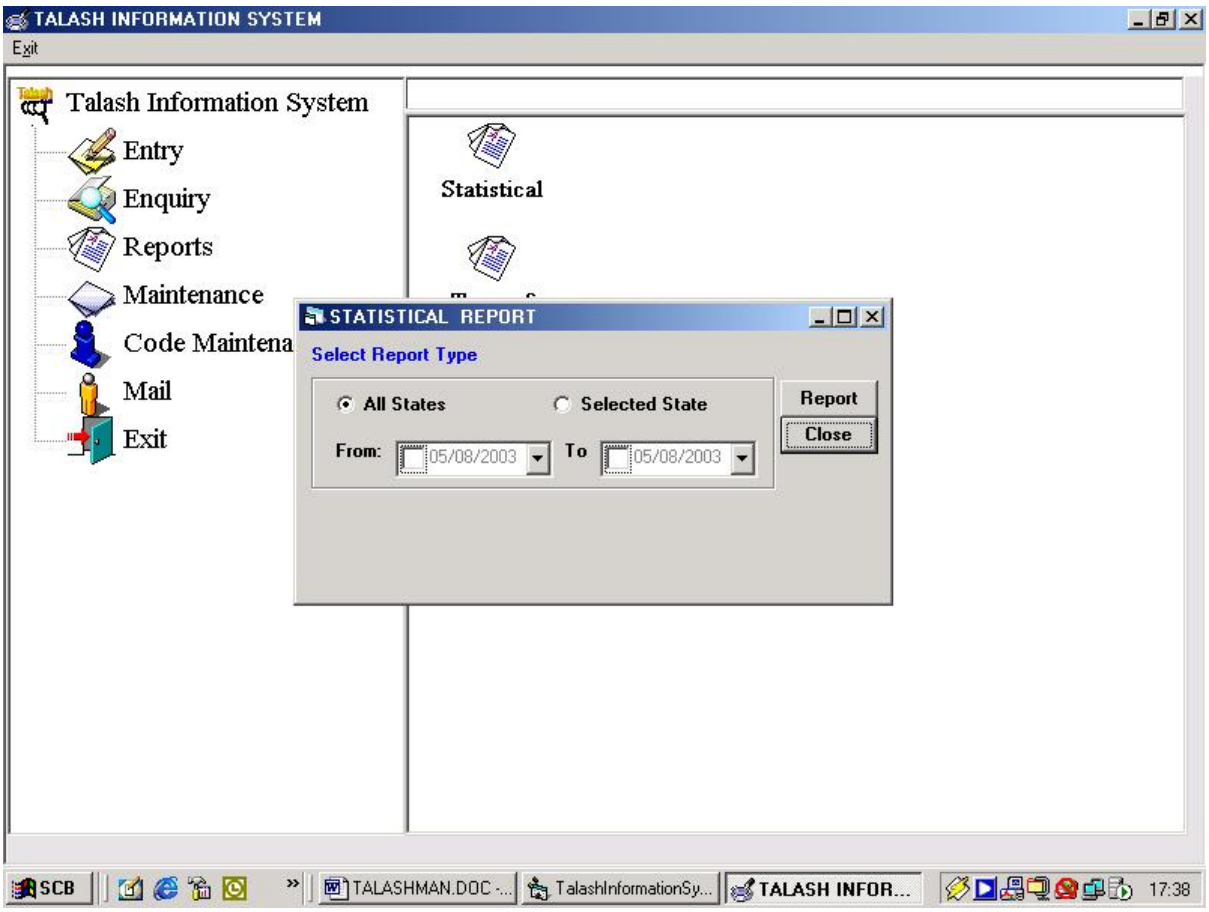


(Fig.8)

Three types of reports are generated by Talash Information System.

- Statistical Reports
- Types of person wise report
- Special Report

REPORTS GENERATION -STATISTICS



(Fig.9)

Click on "Report" to generate report. User can opt for all state or particular state "Type of persons" are automatically selected and report generated.

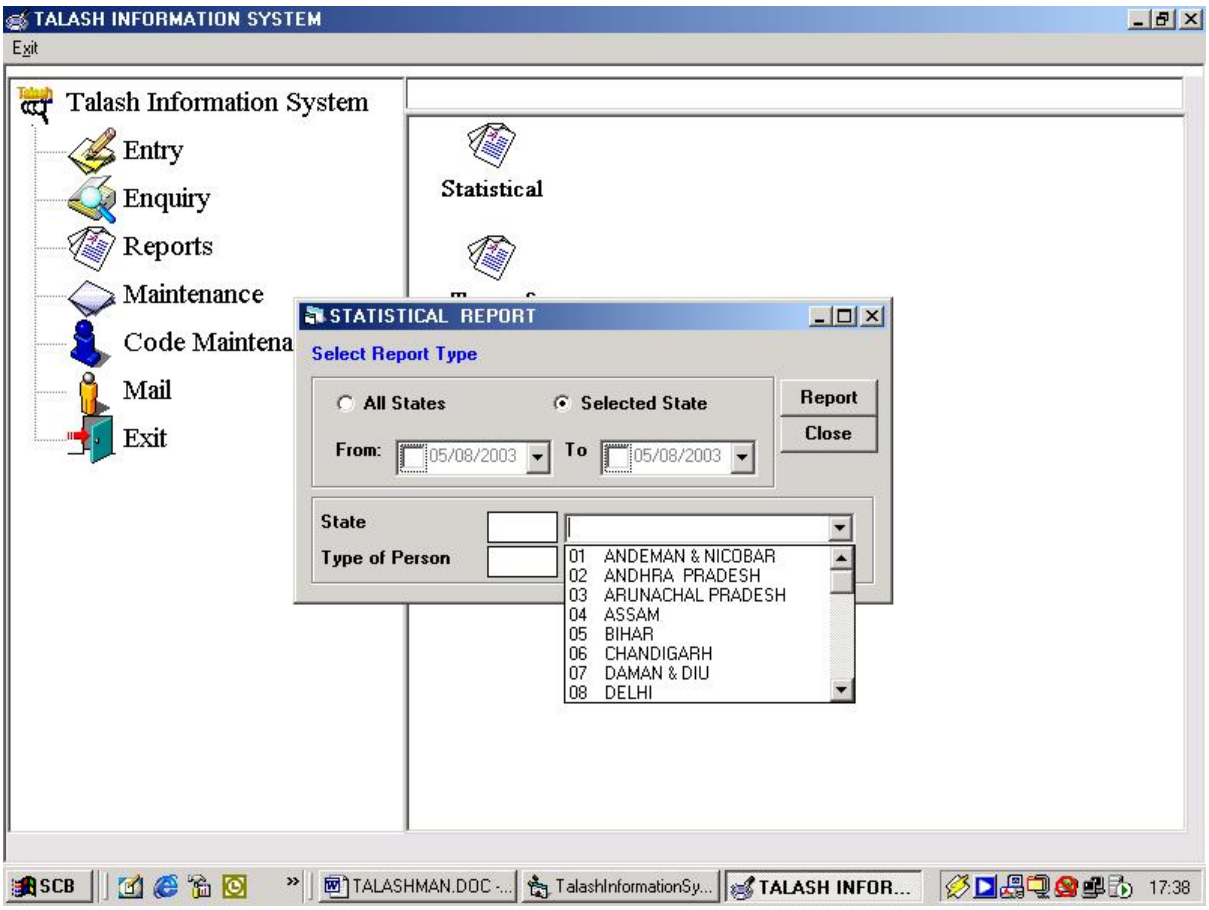
The TIS generates following statistical reports for a given Date Range with option

i) For all States and

ii) For a selected state/type of person

The above screen allows the user to enter desired parameters for generating statistical report. Sample print-out of the reports can be seen on following page.

REPORTS GENERATION (STATISTICS) - STATE AND TYPE OF PERSON SELECTION

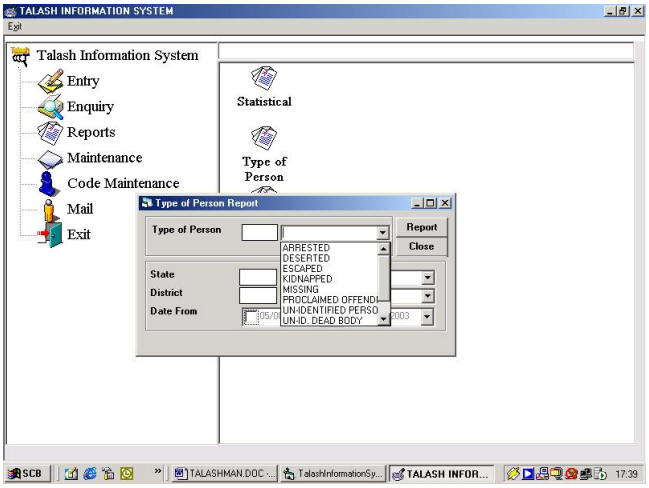


(Fig.10)

Under this option user has options of selecting

- Date range
- Particular state/all states and
- Type of person for the purpose of report generation.

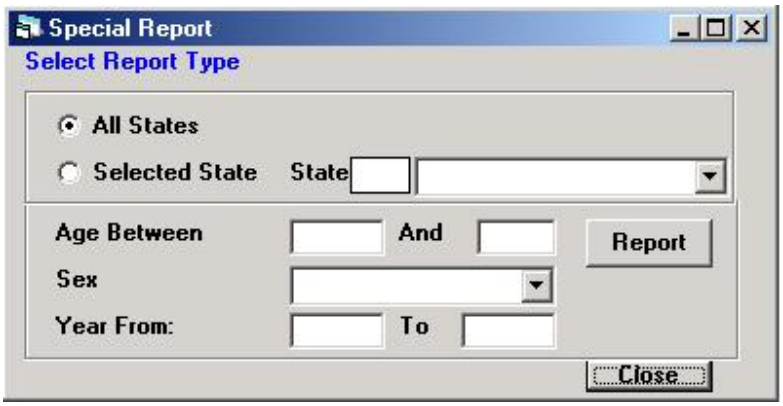
REPORT GENERATION – TYPE OF PERSONS



(Fig.11)

When report for a particular type of person is selected, system prompts for details on state, district and date range to be selected. Click on report, system generates report as shown in *Fig.13.*

SPECIAL REPORT



(Fig.12)

On selecting this option following screen is displayed for selecting the parameters viz State, Date Range, Age Range & Sex etc..

On the basis of above information Statistical report is generated. This report is used for answering Parliament queries asked from time to time.

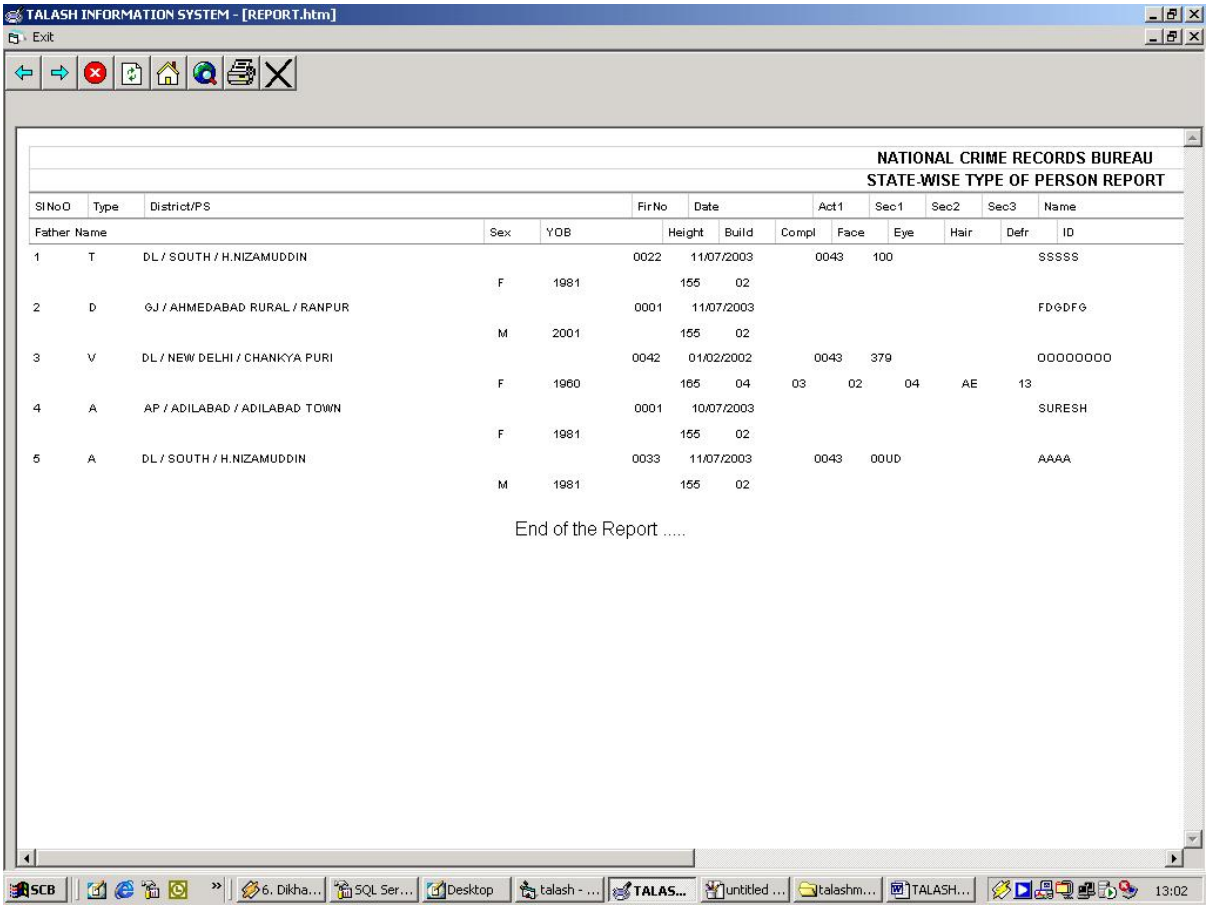
RESULTS OF REPORT GENERATION

NATIONAL CRIME RECORDS BUREAU
STATE-WISE TYPE OF PERSON REPORT
STATE : DELHI Type of Person : ARRESTED

District/PS	FirNo	Date	Act1	Sec1	Sec2	Sec3	Name
Sex	YOB	Height	Build	Compl	Face	Eye	Hair	Defr	ID
DL / SOUTH / H.NIZAMUDDIN	0033	11/07/2003	0043	00UD				AAAA
M	1981	155	02						

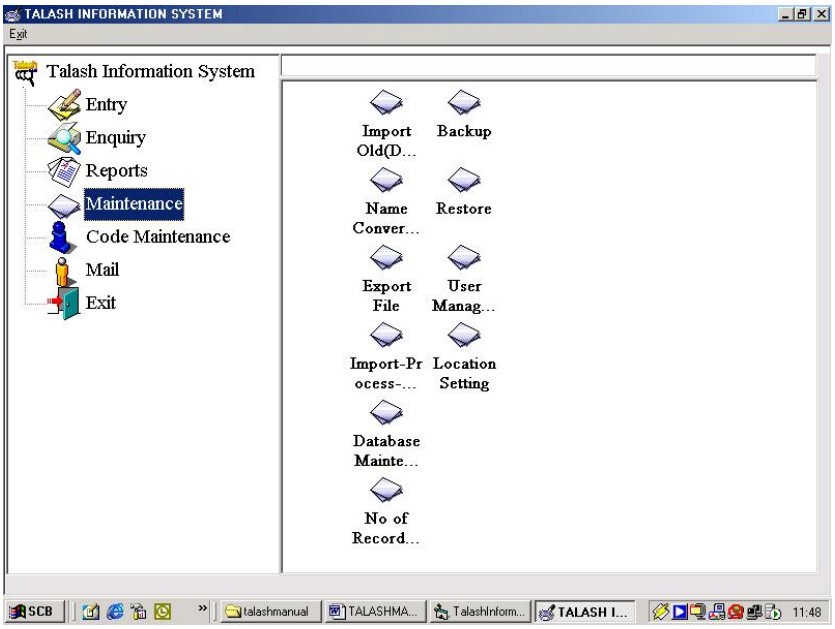
End of the Report .....

(Fig.13.)


TALASH INFORMATION SYSTEM - [REPORT.htm]
Exit
NATIONAL CRIME RECORDS BUREAU
STATE-WISE TYPE OF PERSON REPORT
SlNoO Type District/PS FirNo Date Act1 Sec1 Sec2 Sec3 Name
Father Name Sex YOB Height Build Compl Face Eye Hair Defr ID
1 T DL / SOUTH / H.NIZAMUDDIN 0022 11/07/2003 0043 100 SSSSS
F 1981 155 02
2 D GJ / AHMEDABAD RURAL / RANPUR 0001 11/07/2003 FDGDFG
M 2001 155 02
3 V DL / NEW DELHI / CHANKYA PURI 0042 01/02/2002 0043 379 OOOOOOOO
F 1960 165 04 03 02 04 AE 13
4 A AP / ADILABAD / ADILABAD TOWN 0001 10/07/2003 SURESH
F 1981 155 02
5 A DL / SOUTH / H.NIZAMUDDIN 0033 11/07/2003 0043 00UD AAAA
M 1981 155 02
End of the Report .....
SCB
6. Dikha...
SQL Ser...
Desktop
talash - ...
TALAS...
untitled ...
talashm...
TALASH...
13:02

(Fig.13.1)

MAINTENANCE



(Fig.14)

This module allows the administrator to perform system administrator activities viz.

Import (Dos) Data : This option is used for importing Data of DOS based Talash software and converts the data to SQL server format and then click on name conversion for generation of keys for phonetic search. This is a one-time activity to be undertaken before system is put to use.

Name Conversion: Name conversion of Old (Single Name) to New (First Name, Middle Name & Last Name) format and generation of Phonetic keys as described above.

Import (DOS) Data and Name Conversion is the first and foremost steps to follow in case Old Version of DOS Data needs to be converted to New System. The database is blank initially. Any enquiry made will show 'No Match' report when processed.

Export file: This option generates a .txt file of the data file entered (later imported using import process & append option).

Import, Process & Append: This option imports the file generated using Export option. It is useful when the States/Districts are sending their data to NCRB/SCRB for uploading to respective servers. Enter the name of the DOS file to be imported. On pressing select file, the file (data) gets imported i.e. data in DOS format gets appended to SQL database.

Backup: This is SQL Server backup facility used for taking backup of Talash Database.

Restore: Process for restoring Talash Database.

User Management: Can be used for user creation and assigning permissions.

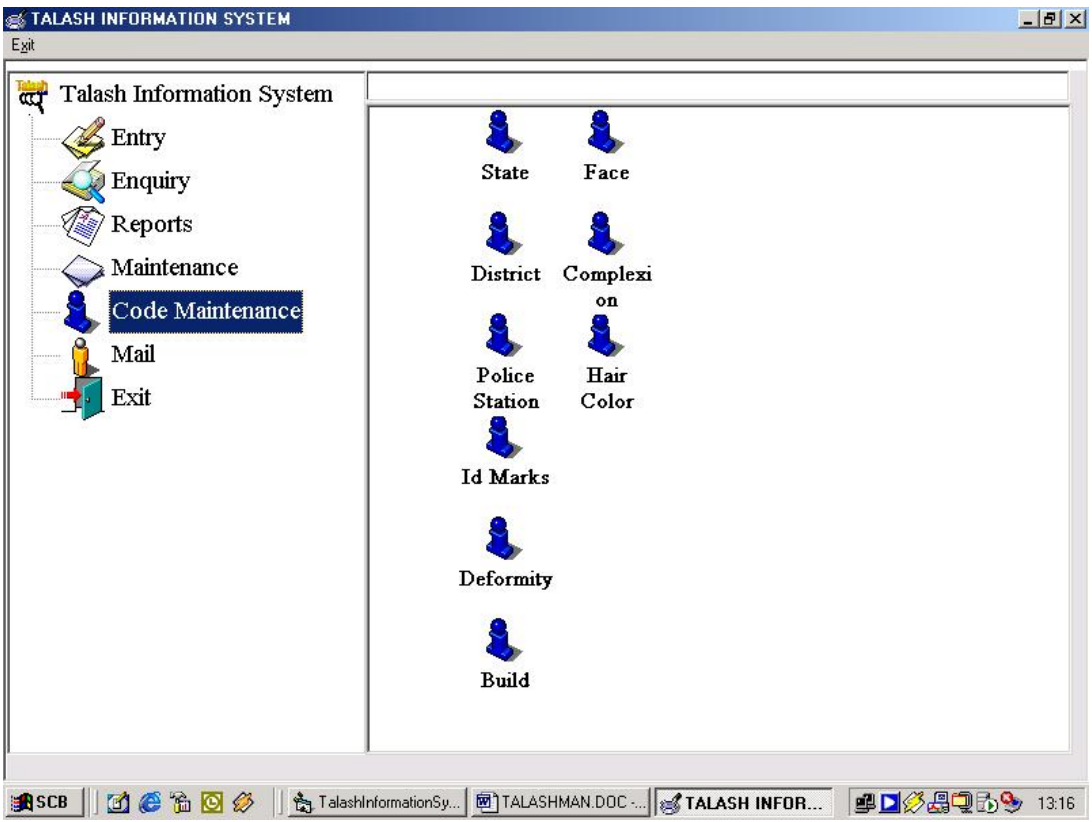
Location Setting: After installation of the system, the system administrator has to set the location setting by selecting the state and district where the system is implemented. This information is used for printing headers etc. in various reports/wireless message generated by the system.

Database Size: Gives Information of number of records in Talash database.

Database Maintenance: This option is password protected. Only authorized user can access the master database for maintenance purpose.

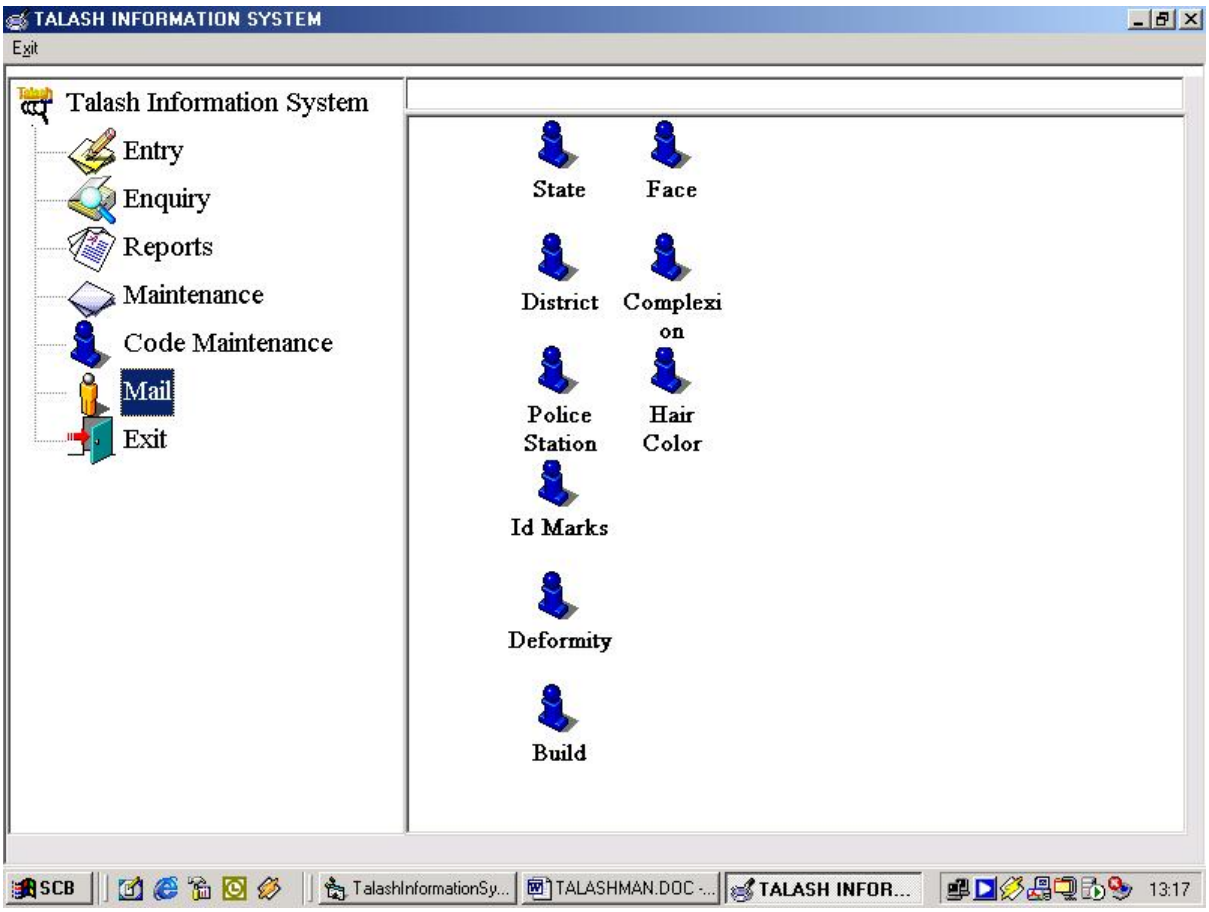
CODE MAINTENANCE

This menu option allows user to maintain various codes and their description used in the system. Addition/modification of the codes can be carried out as and when required. Codes and descriptions are maintained as per CCIS Package.



(Fig.15)

MAIL



(Fig.16)

Double-Click on “Mail” to open an ‘Outlook Express’ or ‘Ms Outlook’ Mailing form to enable you to send mails.

EXIT

Double Click on ‘Exit’ to quit from Talash Software.